

Patent claims

1. A connecting bar arrangement for an electric switch comprising aligned connecting bars (20), characterized in that a localized reduction in the cross-sectional area of at least one of the connecting bars (20) is provided for the localized compression of the lines of force in the direction of alignment (29).
2. The connecting bar arrangement as claimed in claim 1,
  - in which end faces (21) of the connecting bars (20) run parallel to the direction of alignment (29), and
  - in which the at least one of the connecting bars (20) is provided with at least one cutout (27), which runs essentially parallel to the end faces (21), for the purpose of deflecting the current, characterized in that
    - the at least one cutout (27) extends transversely with respect to the direction of alignment (29) through the entire at least one of the connecting bars (20).
3. The connecting bar arrangement as claimed in claim 2, characterized in that the at least one cutout (27) is provided in a first, outer (in the direction of alignment (29)) region (25) of the at least one of the connecting bars (20).
4. The connecting bar arrangement as claimed in claim 3, characterized in that

a second cutout (28) is provided in a second region (26), which is opposite the first region (25), of the at least one of the connecting bars.

5. The connecting bar arrangement as claimed in one of claims 2 to 4,

characterized in that

the at least one cutout (27) extends close to the end face (21).

6. The connecting bar arrangement as claimed in one of claims 2 to 5,

characterized in that

the at least one cutout (27) extends in the direction of alignment (29) essentially over a quarter of the at least one of the connecting bars (20).

7. An electric switch (1), in particular a low-voltage power breaker having a connecting bar arrangement,

characterized in that

the connecting bar arrangement is formed as claimed in one of claims 1 to 6.